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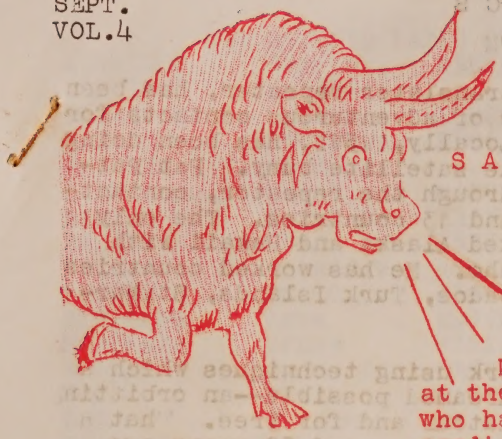

BULL-ETIN

SAN ANTONIO RADIO CLUB

President - Ivan Mangold WA5RNV
Vice President - Bill Ross K5LLK
Secretary - Mike Fritz WN5HLX
Treasurer - Frank Box WA5VFM
Sgt-at-Arms - Brenda & Linda Trappe

Meets first and third Fridays at 7:30 p.m. at the Red Cross Building, 90 Brees St. All who have an INTEREST in amateur radio are cordially invited to attend.

Bull-etin Editor, Dean Davis W5BGE Typist, Maybelle Davis, XYL

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The PREZ SEZ

By IVAN WA5RNV

Lots of things have been going on since our last BULL-etin. The YL's wedding shower for the Twins, Linda and Brenda Trappe. Both are married now, and congratulations to all of you. A real fine program by Morris Guzick W5IO, head of the "Five Call' area QSL bureau. Then quite a number of San Antonians journeyed to Junction to enjoy Bar-B-Que and all the trimmings at their Amateur Radio Appreciation Day.

Did you hear about the vacation trip Dean W5BGE and Maybelle took via The Mexican Train Ride In the Sky from Presidio to Chihuahua, Copper Canyon, Los Mochis, and winding up at Topalobampo on the West Coast and return? We need inquire about that. Heresay they have some slides we may be able to see at some club meeting. Just bet Dean keeps them in the car in case someone twists his arm just a little.

Then we had Roy's W5EYB report on the last ARRL Board of Directors meeting. We congratulate the Board on the stand taken regarding the 220 Mhz band allocation for CB'ers. I do hope as many of you as possible have written FCC, expressing your views. We need to barrage our Commissioners with mail.

The format of this issue will be altered somewhat in order to allow for the Club Roster to be printed on Pages 3, 5, and 7 for your convenience. Our thanks to Bob Via WB5FDT for taking over the job of addressing and mailing the BULL-etin.

Need I remind you we are still in the HURRICANE SEASON? Been lucky so far. Is your equipment still working? Give it another check to be sure. (At the time of this writing D E L I A is active in the Gulf.)

THAS ALL, 73, Ivan WA5RNV.

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TEXAS TRAFFIC NET FISH FRY

The Texas Traffic Net has chosen the dates of 29 and 30 Sept. for its annual get-together at the west side of Lake Whitney. Dave's Resort at Morgan City is the site. A fish fry Saturday night will be a highlight of the meeting. All interested amateurs are invited. Motel reservations may be made by writing Dave's Resort, Rt. 1,Box 28, Morgan City, 76671 (Telephone 817 775 2245.) Talk-in frequencies: 3961, 7290 and 146.94, 146.88.

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SECOND ANNUAL FREE SWAPFEST

Panhandle Amateur Radio Club of Amarillo, Texas will sponsor a Swapfest Sept. 15 & 16 at the main gym--campus of Texas State Technical Institute located east of city at old Amarillo Air Base. All interested amateurs are invited.

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plan now

Christmas Party

Saturday Dec. 8th

TECHNICAL TOPICS

By Cal Graf, W5IFM

OSCAR 6, the orbiting amateur satellite translater repeater, has been in orbit for 8 months, providing a number of adventurous contacts for a number of hams throughout the world. Locally, W5VY, has been doing more than his share of work in keeping the satellite busy. Pat Patterson has worked a total of 1020 QSOs through the repeater, contacting 325 different stations in 49 states and 13 countries. The only state he has missed is Idaho, having worked Alaska and Hawaii with some ease in comparison to the nearby Idaho. He has worked countries such as Greenland, Ireland, Bermuda, Barbados, Turk Islands, St.Marten, and several others

W5VY has done all of the above amateur work using techniques which a short decade ago we would have not even dreamed possible--an orbitting amateur satellite--exclusively for the amateur and for free. What a fantastic thing we have done with amateur radio. And 50 years ago when Pat and many of the other members of the local ham fraternity, were starting out in ham radio they had no idea what they would be doing each decade down the road. If you examine a textbook of just a short 30 years ago, you'll see the limitations placed upon radio propagation at that time--ground wave and sky wave, that was it and there wasn't anything else down the pike (or waveguide). But look at the means of communications which we have now, and which we can all enjoy at our leisure and whatever depth of interest we want--backscatter, meteor return, moonbounce, repeater systems, satellites, ducting ionospheric scatter, troposcatter, aurural return, transequatorial scatter, Sporadic E, antipodal propogation, etc.

Most of the above items are modes of propagation available to amateurs. We also have modes or methods of modulation which accompany these modes of propogation such as CW, A 3, SSB, RTTY, Fax, slow scan TV, FM and the like. And now an important topic comes to mind that Roy Albright, our Director, has been trying to get across to us. We must take a stand against the encroachment of our amateur frequencies Remember, this may be the first time that our frequencies assigned to the amateurs have been attacked--those frequencies which are up in the short waves and no one uses them. If we lose them without too much struggle or effort on our part, you can bet that another attack will take place in the future and we may lose more of those megahertz which we will need in the future. Remember--it may some day be that 220 mhz is like "160" was to us a few decades ago--the bottom of the ham bands. It might well be that the reason we need all of 220 mhz is that it is the best band to propagate through the earth for contact with other states and countries. Let's don't say at this time that we can do without any of the ham bands or parts thereof. Remember--write the FCC before Sept. 20, 73. State your opinion about the future of your hobby. Don't forget that amateur radio and amateur flying are the only two hobbies examined and licensed by the U. S. Government.

For those interested in the past or the future, consider this feat: The Oak Ridge National Lab confirmed the identification of element 104, a man-made atom with half-life of only 4.5 seconds. This represents the largest amount of element 104 ever produced with 3000 atoms wiggling around. That's hardly enough to make a good dit for W5BE in CW.

'Electronics Attack Groceries' might read the headlines but it's just to say that the U. S. grocery industry has adopted a standard accounting code symbol to allow instant machine reading of produce identification in supermarkets and food stores. The new symbol printed on each item will permit price and complete product identification to be registered electronically. This speeds the checkout procedure and virtually eliminates any possibility of error. The symbol is expected to be in full use nationally by 1975.

For those amateurs interested in weather you might try listening for tornadoes. Recent data from the National Oceanic and Atmospheric Administration in Boulder, Colo., shows that at 3.16 mhz the atmospheric noise burst rate increases when a tornado is about to occur. NOAA sensors have a range of 30 kilometers or 70 kilometers sensing ability. Preliminary experiments on the device in 1972 showed that the severe storms that produce tornadoes also produce 20 or more bursts per minute, far more than the rate of production in other types of storms. It is believed that what is being measured here is an electrical symptom of what might be called a storm's tornado syndrome,

(Continued on Page 4)

ALBRIGHT	Roy	W5EYB	107 Rosemary	78209	822 7269
ALBRIGHT	Hazel		"	"	"
ARMSTRONG	Aubrey	K5MOF	7503 Karen Skys Cir.	78228	698 2564
BALUSEK	Robert A.	K5OZF	8606 Wind Way	78239	653 0869
BALUSEK	Carolyn		"	"	"
BARNES	Wm. E	WA5CBT	434 Windcrest Dr.	78239	655 4972
BARRY	Jerry Jr	K5AXN	3538 Crestmont Dr.	78217	653 0430
BECKER	Chas. D	W5HYX	4242 Piedras E.#111	78228	
BELK	Roland V	W5LLS	3615 Skylark	78210	534 8476
BETTIS	Wm. C	W5GYW	543 Craigmont Ln	78213	342 6564
BIRDSONG	Lynn	WN5IPV	4331 Sunshadow	78217	655 7778
BORCHERS	Bruce	W5KIX	210 Greenwich	78209	826 8819
BOWLES	J. W. Jr	WB5ETW	603 Storeywood	78213	342 7417
BOX	Frank	WA5VFM	1431 W. Hollywood	78201	734 5893
BOX	Virginia		"	"	"
BRAUNSTEIN	Carl	WA5DQG	434 Linda Dr	78216	822 5876
BRUEMMER	John	W5LVE	1934 Arroya Vista	78213	344 5134
BRUEMMER	Frances	W5KQG	"	"	"
BUCK	Everett R	W5SJP	1311 Jones Maltsberger" 16		694 2414
CAMPBELL	Larry	WN5GYJ	5146 Gawain	78218	653 5616
CASE	Bill	W5FNA	114 Anastacia P.	78212	822 1341
CASTILLO	Jesse C	W5DTK	147 E Baylor	78204	226 6986
CHAMBLESS	Victor M Jr	K4KVF	255 Lemur Dr.	78213	732 2557
CHASE	Tom	W5KLL	P O Box 952	78294	432 0703
CLARK	Mike	WB5FUS	5006 Village Path	78218	653 3333
COFFEY,	Jeff Jr.	WA5BNM	3102 Mindoro	78217	655 6483
CONNAWAY	Jerry	W5KLV	110 Rosemont	78228	733 0653
CONNAWAY	Mary Amy		"	"	"
CRISWELL	Thomas Jr	W5MXK	4111 Mt Laurel	78240	696 3576
CROSBY	Edward	WN5JHW	9635 Caney Creek	78245	673 7263
CROSWELL	Roger	WB4SLU	(In Service, No Address)		
CROUSE	Harry	W5KCR	3703 John Alden	78230	824 2511
DAVIS	Dean	W5BGE	1518 Santa Anna	78201	735 1622
DAVIS	Maybelle		"	"	"
DAVIS	Raymond	W5HBI	250 Lemur	78213	342 8023
DECKER	Howard	WA5ZDF	2142 W Kings Hwy	78201	732 3069
DE LAY	Dan	W5DUI	2431 W Mistletoe	78228	734 4739
DE LAY	Peggy	WA5GZO	"	"	"
DICKSON	Howell	W5FKR	434 Driftwind	78239	922 3556
DOUNSON	Pepos	W5OSG	914 W Mistletoe	&8201	
DRIESSLEIN	Homer Jr	K5MEN	314 Basswood	78213	342 9775
DRIESSLEIN	Becky	WN5IVZ	"	"	"
EGGLESTON	Les	WA5GOQ	230 Montpelier	78228	734 0698
EISENMAN	Robert	WA5ICH	P O Box 1365 Startzville, Tx		78130
ESSINGTON	Les	W5BE	Rt 8 Box 287D	78228	698 2215
FAIRMAN	Jack		9802 Carol Wood	78213	
FITZHUGH	J V	W5VL	501 Shook	78212	732 3467
FRITZ	Mike	WN5HLX	5131 Village Ct	78218	655 1185
GERWITZ	Frank	W5QMH	3842 Crossette	78228	734 5598
GLASS	Tom	WA5ULP	106 Wickford Way	78213	696 2341
GRAF	Calvin R	W5LFM	207 Zorina	78213	344 5032
HALE	Wm. C	WA5OJC	5626 Ponderosa	78240	684 1200
HAMRICK	Bill	K5PWX	10411 Auldine	78230	341 4331
HARRIS	M D	K5PKX	513 Nardac	78218	655 0437
HAYS	Ned	WA5ZMV	624 Alto Ave	78209	822 9373
HAYS	James	WA5ZCS	"	"	"
HEAD	David	WA8VAQ	PSC Box 2378 Randolph AFB	78148	652 2633
HENDERSON	George	W5OI	2641 Nacogdoches Rd	78217	824 5612
HIGGINS	Larry	W5QMU	2522 Old Hickory Trail"	30	341 2910
HODGDON	Francis B	WN5ERI	Rt 13 Box 1725	78218	655 3607
HODGDON	Heather		"	"	"
HUMLICEK	Lawrence	WA5PAF	254 Future	78213	341 8092
HUMLICEK	Barbara		"	"	"
IVERS	John	WA5IFR	1006 Gardina	78201	736 3898
JANK	Gene	W5EJT	100 N Winston Ln	78213	342 2225
JANK	Ruth	K5OPT	"	"	"
JARLEN	Rolf	W5HWV	P O Box 16277	78216	344 8331
JOERG	Charles	WA5JVX	263 W Harding Blvd	78221	
JOHNSTON	Dan	W5YOY	P O Box 6703	78209	
JONAS	L K	W5EOS	5507 Keystone Dr	78229	6841384
JORDAN	Frank	W5EDX	2334 W Mulberry	78201	733 8978
JORDON	Mike		1427 Greer	78210	532 7919
KARPOWICZ	Gregory	WA5UAM	138 Tabard Dr	78213	736 0615
KAY	Joe	W5RTP	1234 Oblate Dr	78216	826 6760
KENNEDY	Tex	W5QDB	2618 Rigsby Ave	78222	333 6110
KENWORTHY	Chuck	WB5FWI	906 Patricia	78213	342 4541
KIRBY	Harry	WA5QWR	114 Downing Dr	78209	824 8740

 (Technical Topics continued from Page 2)

rather than the signal generated by the storm itself.

Some observations from my last trip to London. At a street intersection where cars must merge into one lane from two, a sign reads "Filter Alternate Vehicles." Sounds like every other car doesn't cause RFI. Most British hams are still CW men as many newspapers are named "Daily Telegraph." In San Antonio, where hams are employing the latest techniques, Editor Dean Davis would probably be working for the "Daily SSB" or the "Daily FM-Repeater," instead of the SA Light. And so it goes. 73. Cal Graf, W5LFM.

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C L A Y C O M M E N T S

By Clay W5ZPV

Integrated Circuit Operational Amplifiers

The availability of integrated circuit operational amplifiers along with relatively low cost will make these devices a valuable addition to your ham shack. The Signetics u709, u741, u748, or the Motorola HEP series, or the RCA CA series operational amplifiers can be purchased for approximately $1.00 each from such sources as Radio Shack, PolyPacs, or Babylon Electronics. Shop around before you buy and you will find some real bargains.

The op amp is a high performance linear amplifier for use in frequencies from DC to approximately 5 mHz. It features differential inputs (inverting and non-inverting), high open loop gain, high input impedance, low output impedance, and excellent temperature stability. Although a complete description of the op amp's specification is not within the scope of this discussion, the following represents a summary of these characteristics:

a. Input signal swing for both inverting and non-inverting inputs--±15 volts
   (Note - normally, the input voltage cannot exceed the power supply levels.)
b. Open Loop Gain--40 to 60 DB
c. Input Impedance--non-inverting amp--up to 100 megohms
   inverting amp--up to 10,000 ohms
d. Output Impedance--approximately 1,000 to 10,000 ohms
e. Temperature Stability--approximately -40 to 120 deg. C

The op amp can be used in a wide variety of applications. Typical uses include buffer amplifiers, video amplifiers, active filters, voltage comparators, differential amplifiers, summing amplifiers, integrators, differentiators, and clipping amplifiers. The op amp can also be used as a key element for a high voltage regulated power supply.

The typical op amp is an integrated circuit chip which contains anywhere from 15 to 20 high gain and low gain transistors interconnected by some 12 resistors and several capacitors--all on one tiny chip which can be installed in a TO-5 can or a flat pack. Some of the earlier op amps such as the 709 require external frequency compensation networks when used for such applications as video amplifiers. The later op amps such as the 741 include internal frequency compensation networks in addition to being protected against short circuit conditions. The only disadvantage in using op amps in your ham circuits is that you will need differential power supplies. A typical low cost, high performance op amp such as 741C (available locally from any Radio Shack store as part number 276-010 for $0.99) will require a dual power supply capable of providing approximately ± 15 volts to ±22 volts with a typical power consumption of 50 to 85 milliwatts. However, some of the RCA op amps such as the CA3008 require only 6 volts with a power rating of about 90 milliwatts.

A typical op amp circuit for an inverting amplifier is provided in Figure 1. Using the 741C in this circuit will result in the following performance when the indicated resistive values are used as follows. Note that the value of Rx is equal to the effective parallel resistance of R_{in} and R_f.

GAIN	R-IN	R-F	APPROX. BANDWIDTH	INPUT RESISTANCE
1X	10K Ω	10K Ω	1 mHz	10K Ω
10X	1K Ω	10K Ω	100 kHz	1K Ω
100X	1K Ω	100K Ω	10 kHz	1K Ω
1000X	100 Ω	100K Ω	1 kHz	100 Ω

The author is currently using the 741C op amps in the development

(Continued on Page 6)

LASTER	Clay	W5ZPV	10915 Burr Oak	78230	344	8254
LONG	John		5034 Village Path	78218	655	0301
LOVE	Boyd	WB5BDS	234 Barrett Pl	78225	923	3831
LYON	Van	WA5YDN	225 Cromwell	78228	733	0953
MANGOLD	Ivan	WA5RNV	8702 Post Oak Ln	78217	826	6515
MANN	Tom	WA5SCB	5315 Warcloud	78242	924	4619
MANISCALCO	Chuck	K5AIU	146 Mink Dr	78213	344	3230
MANLEY	Charles	W5BRC	13915 Anchorage Hill	78218		
McCARTY	Danny	WA5KRP	119 Downing Dr	78209		
MAYES	Warren	WA5JTU	246 Gettysburg	78238	732	6676
MEAD	Gary	WN5EFR	555 Kashmuir	78223	533	0639
MEYER	Gilbert	WA5UNZ	Box 54, Lytle,Tx	78052		
MEYER	Mary		" "	"		
MEYER	Herbert	WB5CIA	134 Milford Dr	78213	344	5865
MILLER	John	K5FVW	2414 Glen Ivy	78213	344	2439
MILLER	Omer	W5RSK	534 Condleglo	78239	653	0631
MOHN	John	W5MEU	Rt 4 Bx 399	78228	679	7004
MONTEMAYOR	C F (MONTY)	W5YZ	9258 Theysen,Houston	77055		
MOORE	Grant	W5DRO	118 Erskine	78201	732	6657
MUELLER	Brenda Trappe		1015 W Gramercy	78212	733	0579
MUNSCH	George	W5VPQ	11314 Janet Lee	78230	344	4191
MUNSCH	Ella	W5TSE	"	"	"	
OHMES	Leonard	K5IEG	310 Milford	78213	344	5372
OLSON	Dwight	W5PEK	P O Box 86,Von Ormy	78073	622	3816
OSBORN	Robert	WA5JDU	2315 W Kings Hwy	78201	733	9474
PARRY	William	K5TSR	4343 Bright Sun	78217	655	6285
PERCIFULL	Daniel	K5ILE	1115 Olney Dr	78218		
PETERSON	Shailer	K4HL/W5PJ	5511 Keystone Dr	78229	684	0449
PETERSON	Ella	"	"	"	"	
PHILLIPS	Claude	W5KJ	444 Hammond	78216	532	9330
PINKERTON	Juana Maria	WA5EZJ	7500 Callaghan Rd #222 "29		342	2044
POMEROY	Eric		3018 Manila	78217		
RATNER	Adam	WN5GFE	313 Tamworth	78213	344	6136
REED	David	WB5GDL	5123 Village Trail Dr	78218	655	7641
RICHIE	S M	W5AR	268 Lorenz Dr	78209	826	4908
RICHTER	Otto	W5FFA	135 Melba Dr	78216	826	4072
RITTIMANN	Michael	WN5GAI	1702 Santa Barbara	78201	734	6952
ROLAND	Floyd	W5JKU	1810 W Hildebrand	78201	732	9275
ROSS	Jeff		12072 Skyline	78218		
ROSS	Wm.J.B. Jr	K5LLK	418 Dawnridge	78213	344	9149
ROSS	Dwight		"	"	"	
ROSS	Bill Jr		118 Davis Ct #3	78209		
ROSSON	Walter	K5RWJ	308 Tamworth	78213	344	4691
RUTLEDGE	Jim	K5UKN	212 Placid	78228	735	8919
SARVIS	Corky	W 5CIT	P O Box 1818,College Stn,Tx	77843		
			1338 Spanish Oak	78213	341	8006
SCHNEIDER	Otto	WA5UYE	Rt 15 Bx 196E	78228	695	3391
SCHNEIDER	Laura	WN5FFP	"	"	"	
SCHWARTZ	Wm.Jr	W5CHO	502 Wax Wine Cr	78239	653	3090
SCOTT	Larry	WB5GVD	5623 Sherry Dr	78242	623	3127
SCOTT	Linda Trappe		"	"	"	
SETTLES	Charles	W5UKN	5419 Knowl Krest Dr	78242	674	6833
SEURER	Edgar	ex-WA9PFT	5834 Castle Lake	78218	653	4717
SHEAN	John	W5LPO	3302 Litchfield Dr	78230	696	1879
SHIREY	Rob		2771 Whisper Path	78231	692	1747
SKILES	Jack	WN5CQR	250 Pinewood	78216	826	3079
SLATTERY	Joseph		5531 Castle Way	78218	655	2287
SLATTERY	Tim	WN5FTA	"	"	"	
SMALL	Paul	WA5EIU	231 Future	78213	344	6098
SMITH	Burnley	K5ZJA	2651 W Gramercy	78228	735	3476
SPIES	Richard	WA5FOE	431 Club Dr	78201	734	4788
STEELE	Chester Jr	WA5ZTV	306 Haverford Dr	78217		
STEWART	Leo	W5IPL	113 N Verde	78228	684	2539
THOMPSON	John	WB5BGV	440 Ridgewood Rd Austin	78746		
TILTON	James	WB5JMC	505 Rue Dematta	78232		
TRAPPE	Albert	WA5IBD	522 Sprucewood	78216		
ULREY	Lee	K5HZR	Rt 1 Bx 414 Marion,Tx	78124	1-4202153	
ULREY	Emma		"	"	"	
VIA	Bob	WB5FDT	6827 Spring Hurst	78249	696	2754
WARNER	Clarence	W5HIV	247 Dawnview Ln	78213	344	5520
WAY	Bill	WA5QHG	215 E Cheryl Dr	78228	433	5154
WAY	Gladys		"	"	"	
WEST	Roland	K5VRM	7402 Buckboard Ln	78227	674	3586
WHEATON	Robert	W5PKK	Rt 2 Bx 324 D	78228	695	8430
WHITAKER	Frank	W5ZI	360 Latch Dr	78213	733	8941
WHITWORTH	Sidney	K5UBP	25610 Broad Oak Trl	78228	698	2789
WIGTON	Robert	WA5WON	7600 Military Dr W.#50	78227	674	0041
WIGTON	Louan	WB5FYO	"	"	"	

 (Clay Comments continued from Page 4)

of a teletype frequency shift demodulator. The 741C is being used in an active filter circuit arrangement. Details on this circuit will be provided in the next club bulletin.

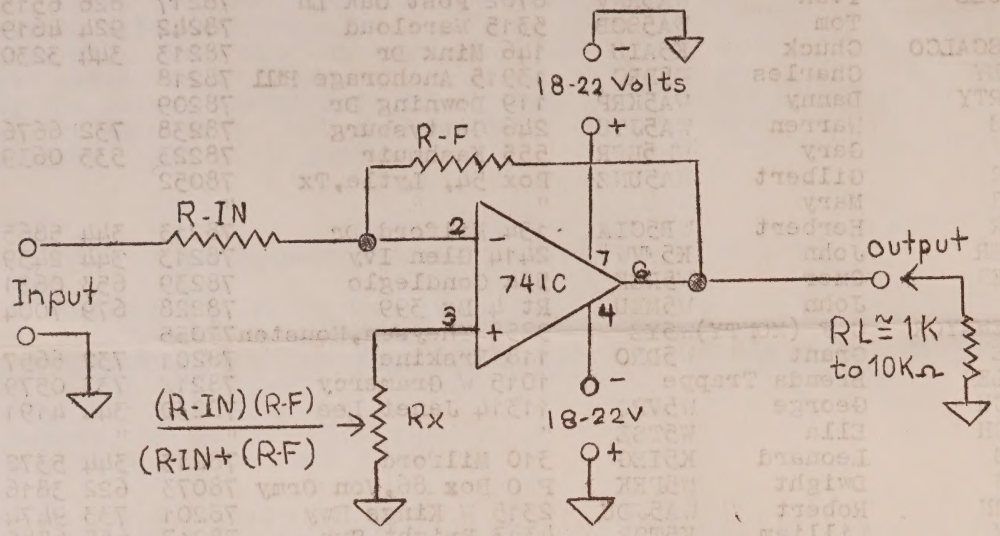

Figure 1 Inverting Operational Amplifier
73, Clay Laster W5ZPV.

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TEXAS VHF-FM SOCIETY ADOPTS PROPOSED NATION WIDE 144/220 PLAN By Larry W5QMU

Meeting at the Royal Coach Inn in Houston, August 4 and 5, 1973, over 200 members of the Texas VHF-FM Society voted unanimously to support the ARRL VHF Repeater Advisory Committee recommendations for voluntary suballocation of the 144 and 220 MHz amateur radio bands. Our Texas 2-meter band plan is therefore modified to be in line with the original California proposal to reverse usage of the top megahertz such that repeater inputs would be high, outputs low from 147 to 148 MHz. Six hundred KHz repeater pair spacing is preserved as in segment 146-147 MHz.

The 220 MHz band plan suggests a 6 MHz input-output split with 40 KHz channel spacing and repeaters in same city 80 KHz apart. All present state society approved band plans will be published in the next issue of the VHF-FM NEWS.

In other business, the members overwhelmingly reelected the present slate of directors. Following the meeting, the directors elected Jack Mason, W5NSQ, President, Ted Bensinger, W5PCK, Secretary-Treasurer, Noel Olmstead, WB5FHW, and Bill Clark, WA5AUB, Directors at Large. Bob Pace, WA5CJG, will continue as Chairman of the Technical Coordinating Committee, and San Antonio Radio Club member, Larry Higgins, W5QMU, will begin a stint as Editor of the NEWS.

San Antonio Radio Club members Roy Albright, W5EYB, and George Munsch, W5VPQ, Chuck Kenworthy, WB5FWI, and Homer Driesslein, K5MEN were active participants.

San Antonians wishing to join the state society should send $2.00 and a QSL card to Larry Higgins at 2522 Old Hickory Trail, San Antonio, Texas, 78230. Please note on your card if you are an ARRL member. The next meeting of the society will be February 23 and 24 1974, at the Ramada Inn, College Station, Texas. 73, Larry Higgins W5QMU.

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FOR SALE -- Tempo One, Power Supply, SWR Bridge, 30' tower, TA33 Jr., AR 22 Rotator, all good condition, $350 for all--Chuck K5AIU, 344 3230

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FOR SALE -- Hammarlund HQ170 Rcvr., good condition, $125. (Consider trade). Chuck W5UKN, 674 6833.

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FOR SALE -- 3 inch oscilloscope, 3 element 20 M Beam, 4 element 15 M Beam, Mini Beam. Want TA33 or equiv. Adam WB5GFE, 344 6163.

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S P L A T T E R -- W5KLV Jerry's Mother, "Pinky" is in N. E. Methodist Hospital.....Gerald W5ABQ is now home after a stint in Santa Rosa Hospital.--Says he is still very weak but eager to get back on CW.

WILKERSON	Allen	W5UPO	3821 Highcliff Dr	78218	653 5477
WILKERSON	Madie		"	"	"
WILLIAMS	Earl	K5YNS	613 W San Antonio,	San Marcos,	78666
WILLIAMS	George	W5KCV	3957 Willowbrook	78228	733 8028
WILLIAMS	Lawrence	WB5CNX	714 Olney Dr	78209	822 0408
WILLS	Harry	W5OHB	Rt 3 Bx 208 CN	78218	651 6031
WOODARD	Bruce	W5OSJ	133 Rio Bravo	78216	694 2142
WORRELL	Arthur	W5HKD	208 W Woodlawn	78212	735 5710
WORRELL	Katie		"	"	"
WULFSON	Norman		1339 Spanish Oak Dr	78213	342 2892
YANTIS	J B	K5RV	146 E Sunshine	78228	732 2993
ESSINGTON	VIRGINIA		Rt.8 Bx 287D	78228	698 2215

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S C M R E P O R T

By Art W5KR

This is my first contribution as SCM to the bulletin of any radio club. I edit and publish our bulletin, too. This offering will not be in the same class with Lee's messages, but I'll try.

Matter of fact, Lee just might be laughing his head off about now. He chided me every sixty days, regular as a bill collector, about not sending in a report, (I was EC for Cameron County). I always countered with the idea that I always sent our Club Bulletin, OFF RESONANCE, and that it contained all the news fit to print.

Now I'm the one trying to get reports out of people--and it ain't always easy. Club bulletins do not always have information usable for the QST station activities column--expecially OFF RESONANCE. Go ahead, Lee, and laugh as much as you see fit. You have earned the right and I deserve the ribbing.

There you have a part of my message: station activity reports. No ARRL Communications Department appointment is necessary for a station to send a report on its activity. I receive regular reports from a few non-appointees and they are surely welcome.

Some of the non-appointees may feel like requesting an appointment. For instance, Corky Sarvis, WB5CIT. Corky has been sending in regular reports to me about his station activities, and occasionally about activities of others, (which I like); he has also been sending regular public service reports to the SEC, WA5YXS--especially the emergency activities of the repeater gang. Wonder who will take over for him when he gets busy denying all the Aggie jokes this fall? Address of the SEC is Bill Rich, WA5YXS, Box 392, Los Fresnos, TX 78566, for the information of the replacement.

Station activity reports need not contain traffic handled unless some traffic was handled. Ham radio has many activities besides traffic. Anything you do to or with your station can be included. You may use a post card, a plain piece of paper and envelope, or anything else which will go through the mail. I do have some special cards which I will be happy to send to those who request them.

Any sort of public service activity--accident reported, stranded motorists assisted, parades for which communications has been furnished and hundreds of other things--should be reported direct to WA5YXS.

There are several Field Organization appointments available for those who are interested. Drop me a line or a message and I'll send the information.

And that brings up a point for those who now hold appointments: all appointments must be endorsed by the SCM each year. All appointees should check the latest date on their certificates. Those on which that date is a year or more past should send them to me for a new endorsement--or let me know that they're no longer interested. Quite a few appointees in the Southern Texas Section have overdue certificates and will receive letters from me if I don't receive a certificate for endorsement. Sorry that I couldn't make the TEXAS CW NET

(Continued on Page 8)

picnic. Things were just against me at that time. I am planning on the trip to the Texas Traffic Net Fish Fry in September. Hope to see a whole passel of you there.

73 de Art Ross W5KR
ARRL Section Communications Manager, South Texas.

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ARRL NEWS - BY THE ARRL WEST GULF DIVISION DIRECTOR, W5EYB.

Amateurs by the hundreds are writing FCC protesting the proposed rape of amateur frequencies in order to solve the CB mess on 27 Mhz. The proposal to move CB'ers to 220 obviously is NOT the answer, and such move would create additional financial hardship for that law-abiding group of CB'ers who are properly using their assigned frequencies. Why penalize them too?

The FCC proposal is ironical in a number of respects. Very few CB'ers requested the change. The EIA are the major proponents, and their proposal was predicated upon the thought of a huge financial windfall from sales of 220 Mhz gear. By hindsight they need only take a look at the flood of 2-meter transceivers from Japan to see the same thing on a far greater scale will occur on 220 - leaving U.S. manufacturers holding the bag. Too, if the engineering geniuses in FCC believe a transceiver can be designed that cannot and will not be shifted and its safeguards defeated to permit its operation on adjacent amateur 220 Mhz channels they had better retake their correspondence courses. And finally, if he in FCC who makes rules believes one can transform a criminal into a law abiding citizen by ordering him to shift frequency - that person is more naive than we should expect in one who occupies such a high position of responsibility.

Early this week FCC belatedly extended permission for continued operation of VHF Repeaters, for those who had filed applications prior to 31 August AND who had been in operation before 17 Oct 1972.

The new repeater regulations continue to pose difficult, unnecessary and seemingly unsurmountable problems for repeater operation. ARRL will file a new petition requesting modification and simplification of the rules as soon as it can be properly put together. This is a most difficult task and if we expect to get results it must be composed in a manner acceptable to the Commission. At best, we can expect to have to operate under the current rules for an extended period of time - and hope no fatalities occur because our repeaters are off the air to comply with some impeding FCC regulation.

John Huntoon, ARRL General Manager informs me his staff is continuing their liaison work with FCC in an attempt to clarify the repeater licensing situation. It appears the Commission expects to issue some new forms which should simplify applications. Since they must first obtain concurrence of the budget bureau ARRL plans to make copies of the proposed forms and mail them to members of the Repeater Advisory Committee. The new forms will be of no benefit to those organizations who have their new license. They should be of help in those cases where FCC returns the applications for changes, or for those making initial application.

We have some hope the Commission will soon give us a clarifying interpretation regarding notification in case of configuration changes to repeaters.

73,

ROY L. ALBRIGHT, W5EYB, DIRECTOR, WEST GULF DIVISION ARRL.

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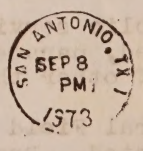

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